



# SWARCEr NEWS

Sunday, October 12, 2008

Volume 1, Issue 3

## SPECIAL POINTS OF INTEREST:

- > Net nightly at 7:30 on the 147.105
- > Next meeting is on November 3, 2008 at 7PM at Fuquay Varina Presbyterian Church: 307 N Ennis Street, Fuquay-Varina
- > K4JDR to speak next month

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## NEW MEETING PLACE!

We have a new, and hopefully permanent, meeting place. We are now meeting at the Fuquay Varina Presbyterian Church in the Fellowship Hall. That address is:

307 N Ennis Street  
Fuquay Varina, NC

We had our first meeting there on October 6th and it seemed perfect. Gino has a kitchen to cook in and no loud diners or wait staff drowning out the speakers. Thank you to all the members of the church for letting us use your fellowship hall.

## OCTOBER MEETING

BY WA2YBM JACK DONNELLY



The October meeting of the South Wake Amateur Club took place on October 6 in Fuquay-Varina at 6 P.M. It was preceded by a pot luck buffet. As one of the pictures shows, there was more than an ample amount of food brought in by the members. So much so that approximately one half went home. There was so much and a such a variety no one went home hungry.

The meeting itself started at 7 P.M. and was called to order by our President Tim W4TAR. There were discussions on Public Service upcoming events by Tom WW4TLB, a slide show presentation on CERTS, an emergency communications program and of course, what we will have at the next meeting for refreshments, make that food.



## PRESIDENT'S PARAGRAPHS

BY W4TAR TIM RUFFIN

OK folks, 120 days old and counting and we are making big strides in getting the club to where we want to be. Now that we have found a home (Fuquay-Varina Presbyterian Church), and found a place for VE Testing to take place (Apex Fire Station 2), and have found out that a well equipped communications vehicle is in our area and available to us for public service and disaster communications (Apex C.E.R.T. Low Band Highway Patrol to 80 meters Ham, and including 2 meters, 440, and all public service providers) whew!....it's time to get down to accomplishing some other things on our list. Thomas Babb is serving as our Public Service Coordinator and needs your help to pull off some of the events on the books already...please contact Thomas WW4TLB and let him know if you are available for some of the dates. A 5k run has been added to the October 25th event in Holly Springs and he NEEDS some of us to step up and help with that event.

Gino KI4YXO is going to be preparing Hot Dogs and Hamburgers for the Nov 3 meeting, but I'm sure would like some help. The Elmers are organizing to do some in school demonstrations in the spring...if that sounds like something you would like to participate in please contact an Elmer. Ryan NC4RA, the Field Day and Contesting Guru is working on getting things straight for the Fields Days Winter and Summer. We are looking for a site to do summer Field Day somewhere in the Public's Eye...where folks can stop in and see what we do....Suggestions? Contact NC4RA. We have accomplished a lot in the last 30 days, let's try to get more done in the next 30!

If you have any idea that you would like to develop into part of the Club plans PLEASE speak up and let's get it going.

## SOUTH WAKE ARC SEPTEMBER 2008 NET REPORT

BY NC4MP MARK PERKINS

Hello everyone this is NC4MP Mark in "Beautiful" Pikeville with the September net report!

A very good month indeed for the net we had great and I DO MEAN GREAT participation from everyone. I would like to thank Marvin KI4ODO for calling a couple of nets during the month for us, he stepped in when it was needed and did one heck of a job thanks again Marvin. Also, Marvin has agreed to take over Monday nights for us from Dale and Vessie because of their busy schedules they had to give up Monday's and Marvin has agreed to take the net on. So, please stop in on Monday nights and tell Marvin how your day has been. Anyone wishing to call a net please let me know, we have Saturday night's open for someone and if you do not want to have a night every week you can always substitute whenever we have someone who can't be there.

The numbers for September are outstanding we had many check-ins and great quality nets! The numbers for the month are:

Net sessions:	30
Members participating:	49
Visitors participating:	82
Total check-ins	788
Average Check-ins per net:	26



We also started our new net on the Carolina 440 UHF link system on Tuesday nights thanks to Ron Casey K4JDR. This is a great thing for the club to be doing not only are we just on a 2 meter repeater we are branching out and getting into 440 as well. Also, coming really soon we will be having nets on simplex on 2 meters and HF! I think we are going to have a lot of fun with all of this. Please everyone check into our short abbreviated nets on Tuesday nights on the 2 meter side

then switch over and have fun with us on the 440 side as well!

Anyone not familiar with the Carolina 440 UHF Link system can get info about it at [www.carolina440.net](http://www.carolina440.net) go there and see where the closest repeater is to you and also if you want to get in via irlp or echo link. So, there are many ways to get in and have fun with the South Wake ARC 440 Tuesday night net. If anyone would like to call the 440 net please feel free to let me know I would be glad to get you in there calling it. Plus, I'd really like to get a good rotation of net controllers in there to help call the net. So, if you are interested please drop me a note at [nc4mp@bellsouth.net](mailto:nc4mp@bellsouth.net).

As you all know we had to move to a back up repeater because the 195 had some problems. Well, folks since moving to the Broadway machine over on the 147.105 our nets have really fallen off a good bit. We went from having 25 to 35 check-ins a net to less than 20 on a regular basis ...to say that it has hurt the net is an understatement! I know some have said they cant get into the repeater and I am sure that is the case but, if there is any way you can PLEASE try and start checking in to the nets again it would be appreciated. We really need the support because for October so far our numbers are really going to be down because of the lack of participation. So, try and check I whenever you can and hopefully we will be back on the WRAL tower soon and it will be much easier for everyone to get in then and the numbers will go back up.

Well, that is all I have for the month thanks for all the help and participation in the net! So, till next month this is.....

NC4MP Mark in "Beautiful" Pikeville saying 73!

## SWARC MINUTES OF THE OCTOBER MEETING

BY KI4TFO JENNIFER AVERY

Meeting was called to order at 7:01 PM.

**TREASURER'S REPORT:** Donn reported we have \$1,009.33 in the bank.

**MOTION:** A Motion was made by KI4TFO to move the post office address to the US Post Office in Fuquay-Varina. The Motion was seconded and passed.

**Secretary's report:** Jennifer KI4TFO reported that the club was incorporated. The minutes of the September meeting were read and accepted as read.

**MEMBERSHIP:** There are currently 49 members. The new members are: Grady KI4HDZ and Paul Straub AA4XX. 60% of membership is in the ARRL at this time.

South Wake ARC stickers – if anyone wants them, see Dale.

Dale reported that we now have club call sign: KJ4GRZ.

**EVENTS:** Bass Lake KI4YXO – The event at Bass Lake was a huge success. Gino reported that the club was welcomed back for next year.

**Next meeting:** Gino KI4YXO discussed food at the next meeting. Hamburgers and hotdogs will be made by Gino and everyone else will let Gino know about what else they will bring. Please contact Gino at [KI4YXO@nc.rr.com](mailto:KI4YXO@nc.rr.com)

**PUBLIC SERVICE:** Thomas WW4TLB: - October 25<sup>th</sup> is Holly Fest 7:30am-9:30pm – We need more people for this event. We need 7 people to make it a success so we need some more bodies to volunteer. It will be held at Womble Park on Stinson Ave in Holly Springs.

First Saturday in December in Fuquay Varina is the parade and Thomas suggested we become involved either by setting up a table or getting a car in the parade. Contact KI4YXO for more details.

**NEWSLETTER:** Vessie AI4UP requested that people submit articles by this Friday or Saturday at the latest for the newsletter.

**VOLUNTEERS NEEDED:** November 1<sup>st</sup> - We need volunteers to clean up Coats site – Off County Line Road at the

repeater site. We need people to weed eat, cut grass, etc. We can go eat beforehand. Please see Thomas.



**CONTESTING:** Ryan NC4RA reports that Winter Field is in mid February this year. CQWorld wide is in November. Van and Robbie are talking about setting up something for that. Jamboree on the Air – Ryan talked to a lady – there is a scout troop in Fuquay and they would be interested in working with a local group. Thomas will get the Holly Springs scouts information. October 18<sup>th</sup> is the date for Jamboree on the Air. Mark KJ4ECJ– Mark has a contact with the Apex

scouts.

**NET MANAGER:** 788 check ins averaging 25 nights – most of the time we had 30+ check ins with some nights 40+ check ins. We did take a hit this month since we moved to the Broadway repeater. Please check in. WD4FZT was check in champ. On the Carolina 440 linking system we had 13, 21 and 19 check ins on the 3 different nets we've had so far.

**K4ITL:** 195 took a receiver hit and is down. Danny has not been able to make repairs to it. It's possible that we will move back to the 195 first. The .21 is still in the works because it will allow us to have an omni directional signal. The antenna replacement is still in the works – the crew is in North Dakota right now.



**WEBSITE:** If you have any ideas about content – please contact David Whitehurst and help him as much as we can.

**VICE PRESIDENT REPORT:** Next month – Ronnie Casey will be talking to us about our backup. Tonight's event was by Keith and Dick with Raleigh CERT.

November 3<sup>rd</sup> is next meeting.

50/50 drawing: \$51.50 – Glenn Crissman KF4RDN won \$25.75.

Paper products for the meetings: A motion was made that this be paid by the club – the Motion was seconded and passed.

Haley KI4TWW is working with her teacher on getting a date to have a program at her school.

continued on next page...

## SWARC MINUTES CONT..

Meeting adjourned: 8:12PM

Members present:

Dale Whitlock AI4WF  
 Tim Ruffin W4TAR  
 Vessie Whitlock AI4UP  
 Katie Whitlock  
 Haley Whitlock KI4TWW  
 Glenn Crissman KF4RDN  
 Anna Crissman KF4USQ  
 Patricia Babb KG4HPE  
 Thomas Babb WW4TLB  
 Tim Kemp WB4BAH  
 Randy Kemp KI4BRZ  
 Art Strong KI4YII  
 Don Sharer AI4OZ  
 Mike Ramsey KD4OKR  
 Ryan Avery NC4RA  
 Roy Avery KI4TWY



Nancy Avery  
 Jennifer Avery KI4TFO  
 Tommy Williams KI4VSO  
 Selene Montgomery KG4RMT  
 James Staley KB4BLU  
 Steve Mowels KA0GMY  
 Gloria Mowels  
 Mark Perkins NC4MP  
 Hank Montgomery K4HM  
 Christine Fernandini KJ4AEO  
 Gino Fernandini KI4YXO  
 Jim Williams W4VCF  
 Danny Hampton K4ITL  
 Donn Harris NC4DH  
 Christopher Caudle KG4WFD  
 Paul Stroud AA4XX  
 Jeremy Barnard KJ4FYX  
 Jack Donnelly WA2YBM  
 Mark Womack AJ4KZ



## LOST ITEM

BY KI4TFO JENNIFER AVERY

At the meeting on Monday night, I left a Pampered Chef Slice & Serve. It looks like a pie cutter with a serrated edge and it had a plastic sleeve. If you have it, can you let me know and bring it either to our Halloween Party or to the next meeting? Thanks! Jennifer KI4TFO



## TREASURY REPORT

<b>Balance as of 10/6/08</b>	<b>\$1009.33</b>
<b>Incoming:</b>	
Membership dues	\$ 45.00
50/50 drawing—October	\$ 25.75
Donation—KF4RDF	\$ 25.75
	<b>\$ 96.50</b>
<b>Outgoing:</b>	\$ 0.00
	<b>\$ 0.00</b>
	=====
<b>Total as of 10/8/08:</b>	<b>\$1105.83</b>

RESPECTFULLY SUBMITTED NC4DH

## NOVEMBER MEETING PROGRAM

BY KI4VSO TOMMY WILLIAMS

Our November 3rd meeting will include a program about the Carolina 440 linking system given by Ronnie (K4JDR). This presentation will shake hands with the presentation given by Danny (K4ITL) about the PCRN. I hope that everyone can attend what I hope to be a very technical presentation. As always non-members are welcome to attend.

To find out more about K4JDR, please go to [QRZ.com](http://QRZ.com). Ron has posted a biography. More information about the Carolina 440 linking system can be found at <http://www.carolina440.net/>

## BASS LAKE DAY

BY WA2YBM JACK DONNELLY

Six club members presented an Amateur radio display at the Holly Fest at the Bass Lake park on Saturday September 27th. Information and a hands on demonstration of our hobby was presented to, and for, the people attending the 'fest. They were Tom WW4TLB, Jim W4VFC, Gino KI4YXO, Jack WA2YBM, Ryan NC4RA, and Tommy KI4VSO. A barbeque was also there for all park attendees absolutely free. One gentleman at an exhibit brought his two hawks. Boy, did they look mean. All in all, it was an absolutely beautiful day, not a cloud in the sky.

Talk to Tom WW4TLB if you would like to volunteer for and upcoming events. Lets promote Amateur Radio.

<http://www.hollyspringsnc.us/dept/park/basslake/index.asp>

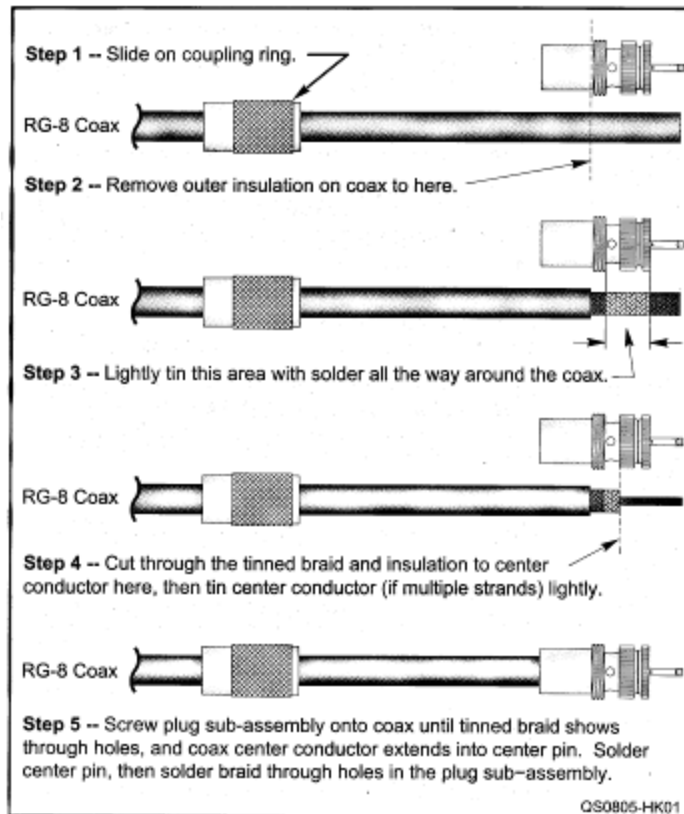


## TECH TIP

BY W4VCF JIM WILLIAMS

### "NAVY TECH" Method to prepare PL-259 UHF connectors for RG-8 Coax

The figure shows the steps needed to install a PL-259 on an RG-8 sized coax. This method is very similar to that described in the ARRL Handbook, except that this method "eyeballs" the cutting dimensions using the PL-259 body as a measuring gauge.



## A BIT OF HISTORY

BY AI4UP VESSIE WHITLOCK

As most of you know, I have started college classes this Fall to get my degree. I was excited to find that Amateur Radio was the informal beginning of wireless networking. Here is the exact text from my textbook (Hands-On Networking Fundamentals by Michael Palmer):

*"Amateur radio operators (also called hams) are licensed by the U.S. Federal Communications Commission (FCC) to transmit voice, Morse code, data, satellite, and video signals over radio waves and microwaves. In the 1980's, licensed amateur radio operators received permission from the FCC to transmit data on several radio frequencies above those used on personal radios. Most people are familiar with radio frequencies via the music played on AM and FM radio stations. These frequencies are only a small part of the possible radio frequencies through which a signal can be transmitted. Hertz (Hz) is*

*the main unit of measurement for a radio frequency. Technically, one Hertz represents a radiated alternating current or emission of one cycle per second.*

*Shortly after IBM introduced the personal computer in the early 1980s, amateur radio operators experimented with networking PCs over radio waves. They accomplished this by creating a device called a terminal node controller (TNC), which was placed between a computer and a radio transceiver (a combination transmitter and receiver). The TNC converted the computer's digital signal to an analog signal that was amplified by the transceiver and broadcast through an antenna. The resulting technology was called packet radio. Packet radio soon caught the interest of commercial wireless networking companies."*



## SOUTH WAKE ARC HALLOWEEN PARTY

BY KI4TFO JENNIFER AVERY



Get ready for a *frightfully* good time - come one, come all to the South Wake ARC Halloween Party on Friday, October 31<sup>st</sup> at 7PM at the humble abode of Ryan and Jennifer Avery!! There'll be *tricks and treats* and fun for all! Bring the little *goblins* with you, but please let us know how many for we shall have a *bootiful* surprise for each of them. There'll be plenty of *devilish* good finger foods and drink to quench your *blood-thirsty* throats. Stop by on your *broom* and sit for a *spell* and who knows you may end up doing the

*Monster Mash* with all your favorite *ghouls*. Don't let the *bewitching* hour spook you. *Vamp* it up and come dressed up as your favorite Ham or some other *scary monster*. We promise it will be a *wicked* fun time.

Ryan and Jennifer Avery  
1635 Oak Grove Church Road  
Angier, NC 27501  
(919) 639-0149  
*See you then...if you dare....*



## UPCOMING HAMFESTS AND CONVENTIONS

**November 16, 2008 JARSFEST**  
Benson, NC  
<http://www.jars.net>

**January 10, 2009 Forsyth Amateur Radio Club  
Winston-Salem FirstFest**  
Winston-Salem, NC  
<http://www.w4nc.com>

**February 7, 2009 Virginia State Convention  
(Richmond Frostfest)**  
Richmond, VA  
<http://www.frostfest.com>

**February 22, 2009 Vienna Wireless Society Winterfest**  
Arlington, VA  
<http://www.viennawireless.com>

**March 14-15, 2009 Mecklenburg Amateur Radio  
Society Roanoke Division Convention**  
Charlotte, NC  
<http://www.w4bfb.org/hamfest>

**April 11, 2009 Raleigh Amateur Radio Society North  
Carolina State Convention**  
Raleigh, NC  
<http://www.rars.org/hamfest>

## SKYWARN INFORMATION NETS & UPCOMING EVENTS

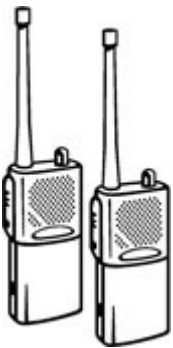
As posted on <http://www.centralcarolinaskywarn.net/>

Every Tuesday at 9:15PM on the 146.88 repeater

**October 28 - "Hydrologic Forecasting for Rivers"** with NWS Meteorologist-in-Charge Darin Figurskey KC2IPY.

**October 28 - Basic SKYWARN Spotter Class**, 6pm, Jordan Hall #1, Room 1108, NCSU

**November 11 - "Winter Weather Outlook"** with NWS Lead Forecaster Phil Badgett



## PUBLIC SERVICE OPPORTUNITY BY WW4TLB THOMAS BABB

South Wake ARC has been asked to help with communication during the 3.1 k race on **October 25** just before Holly Fest in Holly springs. We will need at least 6 more operators more than we had plan on the Holly Fest detail. The Race starts at 9:00 at the front side of Womble park and running in a subdivision in and around the park. If anyone would like to help please contact Thomas ww4tlb. My e-mail address is [tbabb@tbabbphoto.com](mailto:tbabb@tbabbphoto.com) or call me at 919.795.4747

## NC STATE FAIR NEEDS VOLUNTEERS BY K4HM HANK MONTGOMERY

The NC State Fair depends on RARS to staff the communications office during the fair each year. This year it is from October 16 - 26 and there are 3 "shifts" per day with 2 operators needed per shift. Admission is free on the day of your shift. There is some required training consisting of an orientation on Tuesday October 14th, and completion of 3 FEMA courses. I have full information including a signup page and contact information on the RARS website at <http://rars.org>



## VOLUNTEER OPPORTUNITIES

**October 18th/19th** - Easter Seals Ride Without Limits, Raleigh area.

**November 1st** - Beach to Battleship Triathlon, Wilmington.

**November 2nd** - City of Oaks Raleigh Marathon.

**November 8th** - Red Cross Generator Posse, Raleigh



More details and sign-up information can be found on links from the Ham public service calendar at: [www.hampublicservice.org](http://www.hampublicservice.org)



# AI4WF DALE WHITLOCK'S STEPPIR PROJECT SEPTEMBER 27, 2008



THANKS TO:

KI4PMI  
KJ4CXY  
AE4PC



## LINKS OF INTEREST



South Wake ARC Club website: <http://www.southwakearc.com/>

South Wake ARC Yahoo group: <http://groups.yahoo.com/group/southwakearc/>



Piedmont Coastal Repeater Network: <http://pcrn.net/>

Carolina 440 linked system: <http://www.carolina440.net/>



Central Carolina Skywarn: <http://www.centralcarolinaskywarn.net/>



Wake County CERT: <http://www.wakecountycert.org/>



South Eastern Repeater Association: <http://www.sera.org/>



Wake County ARES/RACES: <http://www.wakeares.org/>



ARRL: <http://www.arrl.org/>

FCC Universal Licensing System: <http://wireless.fcc.gov/uls/index.htm?job=home>



Hamfest calendar: <http://k4hm.net/calendar.php>

## CLASSIFIEDS

## FREE:

Server: I have a Compaq two processor server that needs a home. Contact Jim Williams – W4VCF ([w4vcf@arrl.net](mailto:w4vcf@arrl.net))

## WANTED:

Adapter Cable: I am interested in an "RS-232 (to) USB adapter cable". This is needed to connect a RigBlaster to a Thinkpad computer. New price for something like that is \$25 so I guess I would offer \$10. My email is [symonsez@yahoo.com](mailto:symonsez@yahoo.com) Mark Womack KJ4ECJ

Digital Display: I am searching for a Digital display option (DG-1) for a Kenwood TS-820. Anyone that can put me on the trail to one please contact me. Tommy Williams, KI4VSO. [ki4vso@gmail.com](mailto:ki4vso@gmail.com)

**SOUTH WAKE  
AMATEUR RADIO  
CLUB**

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All articles for the next edition  
need to be sent to editor by  
November 8, 2008.

## Public Service Through Amateur Radio

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

President: Tim Ruffin W4TAR [timruffin@earthlink.net](mailto:timruffin@earthlink.net)  
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Director at Large: Ryan Avery NC4RA [rwavery@charter.net](mailto:rwavery@charter.net)

## 2008 / 2009 MEMBER ROSTER

New member since last newsletter

### Full Members:

AA4XX Paul Stroud  
AE4PC Phil Cunningham  
AI4OZ Don Sharer  
AI4UP Vessie Whitlock  
AI4WF Dale Whitlock  
AJ4KZ Mark Womack  
K4HM Hank Montgomery  
K4ITL Danny Hampton\*  
K4JDR Ronnie Casey  
K9RII Jim Young  
KA0GMY Steve Mowels  
KA1CZI Stan Czyrnik  
KB4BLU Jim Staley  
KD4OKR Mike Ramsey  
KE4RUN Hargrove Davis  
KF4RDN Glenn Crissman

KF4USQ Anna Crissman  
KG4HPE Patricia Babb  
KG4RMT Selene Montgomery  
KG4WFD Chris Caudle  
KI4BRZ Randy Kemp  
KI4HDZ Grady Johnson  
KI4PMI Barry Emery  
KI4SHY Peggy Sharer  
KI4TFO Jennifer Avery  
KI4TWW Haley Whitlock  
KI4TWY Roy Avery  
KI4VSO Tommy Williams  
KJ4CXY Dennis Parker  
KJ4DNS Ron Rasberry  
KI4YXO Gino Fernandini  
KJ4AEO Christy Fernandini  
KJ4FYX Jeremy Barnard  
KJ4GIZ David Whitehurst  
NC4BJ "BJ" Jenkins  
NC4DH Donn Harris  
NC4MP Mark Perkins  
NC4RA Ryan Avery  
W2RDU John Fiorentino  
W4FXE Ken Medlin  
W4TAR Tim Ruffin  
W4VCF Jim Williams  
WA2YBM Jack Donnelly  
WB4BAH Tim Kemp  
WW4TLB Thomas Babb

### Associate Members:

Nancy Avery  
Gloria Mowels  
Philip Whitehurst  
Katie Whitlock

\* Lifetime Member